

ABSTRACT

A controller (180) optimizes an arrangement of component supply parts installed in a component supply unit while position information of mounting points on a circuit board is taken into account (S100 and S200), and then optimizes a mounting path to the circuit board under the arrangement (S300). Since the position information of mounting points is taken into account in obtaining the arrangement of component supply parts, wasteful mounting paths are reduced in comparison with the case of optimizing the mounting path on only the circuit board as in the conventional art, so that the mounting time can be shortened.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 January 2004 (29.01.2004)

PCT

(10) International Publication Number
WO 2004/010759 A1

(51) International Patent Classification⁷: H05K 13/08

Ikuo [JP/JP]; 3780-8, Osato-cho, Kofu-shi, Yamanashi 400-0053 (JP). KINDOU, Toshiki [JP/JP]; 8-14, Moegino, Aoba-ku, Yokohama-shi, Kanagawa 227-0044 (JP). SHIDA, Takehiko [JP/JP]; 3251, Maioka-cho, Tot-suka-ku, Yokohama-shi, Kanagawa 244-0813 (JP).

(21) International Application Number:
PCT/JP2003/009224

(22) International Filing Date: 22 July 2003 (22.07.2003)

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(25) Filing Language: English

(26) Publication Language: English

(81) Designated States (*national*): CN, US.

(30) Priority Data:
2002-213983 23 July 2002 (23.07.2002) JP

(84) Designated States (*regional*): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

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Published:

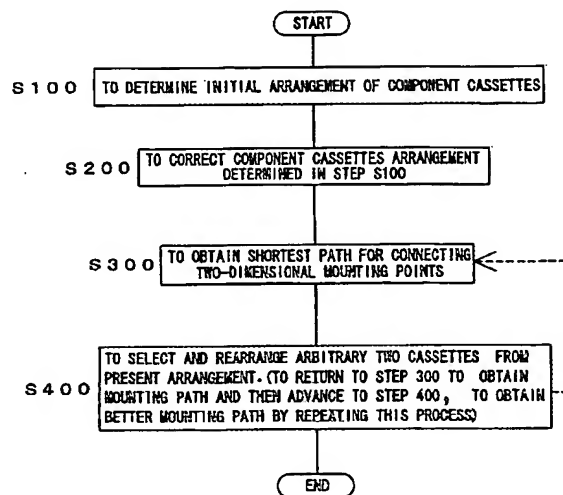
- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPONENT MOUNTING ORDER OPTIMIZATION METHOD, COMPONENT MOUNTING ORDER OPTIMIZATION PROGRAM, RECORDING MEDIUM FOR THE PROGRAM, AND COMPONENT MOUNTING APPARATUS USING THE METHOD



(57) Abstract: A controller (180) optimizes an arrangement of component supply parts installed in a component supply unit while position information of mounting points on a circuit board is taken into account (S100 and S200), and then optimizes a mounting path to the circuit board under the arrangement (S300). Since the position information of mounting points is taken into account in obtaining the arrangement of component supply parts, wasteful mounting paths are reduced in comparison with the case of optimizing the mounting path on only the circuit board as in the conventional art, so that the mounting time can be shortened.